



UNITED STATES PATENT AND TRADEMARK OFFICE

ma

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,498	02/19/2004	Brian Farn	CA920030061US1	5645
35525 7590 07/10/2007 IBM CORP (YA) C/O YEE & ASSOCIATES PC P.O. BOX 802333 DALLAS, TX 75380			EXAMINER SHRESTHA, KIRAN K	
			ART UNIT 2173	PAPER NUMBER
			MAIL DATE 07/10/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/782,498	Applicant(s) FARN, BRIAN	
	Examiner Kiran K. Shrestha	Art Unit 2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 May 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to the amendment filed on May 29, 2007. Claims 1-28 have been amended. Thus, claims 1-28 are currently pending and have been considered below.

Specification

2. The amendment filed on May 29, 2007 corrected deficiencies in the specification. As noted in paragraph of the February 26, 2007 office action. Therefore, the examiner hereby withdraws the objection.

Claim Rejections - 35 USC § 101

3. The amendment filed on May 29, 2007 amended claim 22 thereby overcoming the 35 USC § 101 rejection of the February 26, 2007 office action. Therefore, the examiner hereby withdraws that rejection of claim 22.

Response to Arguments

4. Applicant's arguments with respect to claims 1-28 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2173

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Reulein et al. (US2003/0142128A1) further in view of Wygodny et al.

(US6202199B1).

Claims 1, 8, 15 and 22: Reulein discloses method, system and product for editing a plurality of column oriented programming language statements (Reulein: fig.7A and par. [0021]) presented to a user on a display screen (Reulein: fig.4: item# 202: "User Interface")), comprising: identifying a template description for at least one of the plurality of column oriented programming language statements (Reulein: fig.7A and par. [0021]), wherein the template description defines at least one statement type (Reulein: par. [0057], lines 3-11). While Reulein discloses a GUI (Fig. 3), Reulein does not disclose "a plurality of panes on a graphical user interface". However, Wygodny does disclose the at least one of the plurality of column oriented programming language statements is selectable in a first pane (Wygodny: fig.5 item #501; Column 12, lines 54-56) of a plurality of panes on a graphical user interface (Wygodny: fig.5; Column 12, lines 54-56); and displaying one or more editable fields corresponding to the at least one statement type on a second pane (Wygodny: fig.5 items #504; Column 12, lines 54-56) of the plurality of panes (Wygodny: fig.5 items #501 and 504; Column 12, lines 54-56) on the graphical user interface (Wygodny: fig.5), wherein the graphical user interface is used for editing the plurality of column

Art Unit: 2173

oriented programming language statements individually (**Wygodny**: fig.5 item #501), and wherein the graphical user interface is adapted to receive content for the one or more editable fields from [[said.]] the user to define the at least one of the plurality of column oriented programming language statements (**Wygodny**: fig.5 item #504).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have a plurality of panes on a graphical user interface in **Reulein**'s system. One would have been motivated to include a plurality of panes on a graphical user interface to show different option such as filter tree pane #501 and a source code pane #504 (**Wygodny**: fig.5: items #501 and #502; Column 12, lines 54-56).

Claims 2, 9, 16 and 23: Reulein in view of **Wygodny** discloses method, system and product of claims 1, 8, 15, & 22 respectively and further comprising permitting the at least one of the plurality of column oriented programming language statements to be selected by the user for replacement (**Reulein**: Paragraph [0042], lines 6-12).

Claims 3, 10, 17 and 24: Reulein in view of **Wygodny** discloses method, system and product of claims 2, 9, 16, & 23 respectively and further comprising permitting a position in the plurality of column oriented programming language statements to be selected by [[said]] the user for insertion of the at least one of the plurality of column oriented programming language statements (**Reulein**: Paragraph [0042], lines 6-14).

Art Unit: 2173

Claims 4, 11, 18 and 25: Reulein in view of **Wygodny** discloses method, system and product of claims 3, 10, 17, & 24 respectively and further comprising displaying a field difference indicator on the graphical user interface for each of [[said]] the one or more editable fields whose contents has been changed by [[said]] the user (**Reulein**: Paragraph [0032], lines 5-8).

Claims 5, 12, 19 and 26: Reulein in view of **Wygodny** discloses method, system and product of claims 4, 11, 18 & 25 respectively and further comprising one of: selectively replacing the at least one of the plurality of column oriented programming language statements; and inserting the at least one of the plurality of column oriented programming language statements in the first pane (**Wygodny**: Column 21, lines 11-17).

Claims 6, 13, 20 and 27: Reulein in view of **Wygodny** discloses method, system and product of claims 5, 12, 19 & 26 respectively and further comprising displaying a user selectable apply button on the graphical user interface for initiating said one of the selectively replacing and the inserting (**Reulein**: Paragraph [0075], lines 9-16).

Claims 7, 14, 21 and 28: Reulein in view of **Wygodny** discloses method, system and product of claims 1, 8, 15, & 22 respectively; the template description is an extensible mark-up language document. (**Reulein**: Paragraph [0024], lines 9-16).

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiran K. Shrestha whose telephone number is 571-270-1691. The examiner can normally be reached on Mon- Fri (Alt. Fri Off) 0700-1630 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca, can be reached on (571) 272-4048 Art Unit 2173. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

Art Unit: 2173

more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

K.S.
KKS
July 3, 2007

John W. Cabeca
Supervisory Primary Examiner

TADESSE HAILU
PRIMARY EXAMINER

